



Carlos Sanchez

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About me

During the day

Director at Exist Global

At night

Member of Apache Maven PMC Committer at the Eclipse Foundation





Maven in the IDE

Q4E [Q for Eclipse]

http://code.google.com/p/q4e





Maven in the IDE

Proposed to the Eclipse Foundation as Eclipse IAM

[Eclipse Integration for Apache Maven]

http://www.eclipse.org/proposals/iam





Q4E Features

running Maven goals from the IDE

dependency managing using the POM & automatic download of dependencies

Eclipse classpath synchronized with POM





Q4E Features

direct import of Maven 2 projects

wizard for creation of new projects using the archetype mechanism

WTP support (from today!)





Q4E Features

modular approach to improve reusability by other Eclipse projects

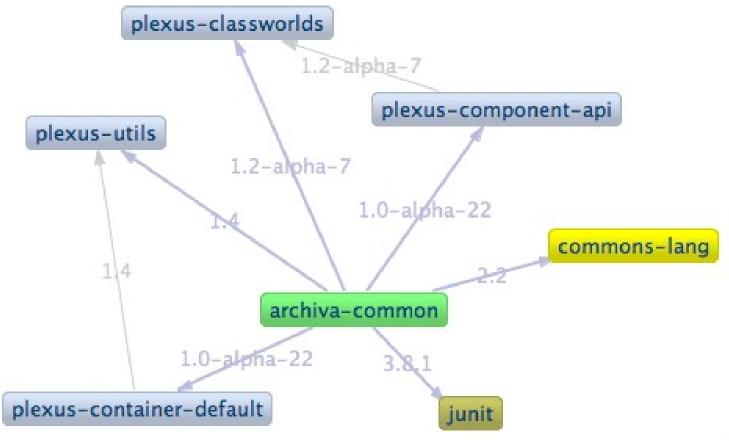
ability to import parent projects (pom projects)

ability to cancel Maven builds



Q4E dependency graphing









Q4E dependency analysis

gunit:junit:junit:jar:3.8.1:test (scope not updated to compile)	Group Id	Artifact Id	Version	Instances
grg.apache.maven:maven-lifecycle:jar:2.1-SNAPSHOT:compile	aspectj	aspectjrt	1.5.3	4
grand (org.codehaus.plexus:plexus-utils:jar:1.4.5;compile - version managed from 1.4; o	backport-util-concurrent	backport-util-concurrent	3.0	1
□ g org.apache.maven:maven-reporting-api:jar:2.1-SNAPSHOT:compile	commons-cli	commons-cli	1.0	1
g org.apache.maven.doxia:doxia-sink-api:jar:1.0-alpha-9;compile	easymock	easymock	1.2_Java1.3	2
grapache.maven:maven.profile:jar:2.1-SNAPSHOT:compile	junit	junit	3.8.1	4
	net.sf.retrotranslator	retrotranslator-runtime	1.2.1	1
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	org.apache.maven	maven-lifecycle	2.1-SNAPSHOT	1
grandom (org.codehaus.plexus:plexus-utils:jar:1.4.5:compile - omitted for duplicate)	org.apache.maven	maven-reporting-api	2.1-SNAPSHOT	1
grg.apache.maven:maven-model:jar:2.1-SNAPSHOT:compile	org.apache.maven	maven-profile	2.1-SNAPSHOT	2
grandle (org.codehaus.plexus:plexus-utils:jar:1.4.5:compile - omitted for duplicate)	org.apache.maven	maven-model	2.1-SNAPSHOT	
grg.apache.maven.artifact:maven-artifact:jar:3.0-SNAPSHOT:compile	org.apache.maven	maven-project	2.1-SNAPSHOT	
org.codehaus.plexus:plexus-utils:jar:1.4.5:compile - omitted for duplicate)	org.apache.maven	maven-plugin-api	2.1-SNAPSHOT	1
org.codehaus.plexus:plexus-container-default:jar:1.0-alpha-44:compile - version m	org.apache.maven.artifact	maven-artifact	3.0-SNAPSHOT	3
grg.apache.maven.wagon:wagon-provider-api:jar:1,0-beta-2;compile	org.apache.maven.doxia	doxia-sink-api	1.0-alpha-9	1
g (aspectj;aspectjrt;jar:1.5.3;compile - omitted for duplicate)	org.apache.maven.shared	maven-test-tools	1.0-alpha-1	1
et especial de la compile et especial de la compile et especial de la compile	org.apache.maven.wagon	wagon-provider-api	1.0-beta-2	2
granden in et al. 1985 in et al. 198	org.apache.maven.wagon	wagon-file	1.0-beta-2	1
g.code jaus.piexus.piexus-container deraulit.jar.1.0-alpha-44.compile	org.codehaus.plexus	plexus-utils plexus-container-default	1.4.5	10
	org.codehaus.plexus		1.0-alpha-44	5
g commons-di:commons-di:jar:1.0:compile	org.codehaus.plexus	plexus-classworlds	1.2-alpha-12	2
grg.apache.maven:maven-plugin-api:jar:2.1-SNAPSHOT:compile	org.codehaus.plexus	plexus-interactivity-api	1.0-alpha-6	1
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grg.codehaus.plexus:plexus-utils:jar:1.4.5:compile				
🖷 📲 org.codehaus.plexus:plexus-classworlds:jar:1.2-alpha-12:compile				
🛊 📲 org.apache.maven.wagon:wagon-file:jar:1.0-beta-2:test				
easymock:easymock:jar:1.2_Java1.3:test				
grg.apache.maven.shared:maven-test-tools;jar:1,0-alpha-1;test				
	Artifact			
easymock:easymock:jar:1.2_Java1.3:test - omitted for duplicate)	Artifact	Versions		
grander, casymock, jar. 1.2_sava1.5.test - version managed from 1.4-alpha				
spectj:aspectjrt:jar:1.5.3:compile				
aspecty, aspectyl t.jai .1.5.5.0011 pile				







Integration with other plugins Scala, Candy for Appfuse, SpringIDE,...

UI tooling to work around Maven limitations (common complains)

Excluding a dependency from the graphs will add all necessary <exclusions> to the pom







carlos@apache.org

http://www.carlossanchez.eu

